

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6665043").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/14 21:29
L2	1	("20050167036").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/14 21:30
L3	1	("5407519").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/14 21:30
S46	38	(("20010021000") or ("4,094,058") or ("4,691,995") or ("5,875,922") or ("6,304,311") or ("5,247,377") or ("5,511,591") or ("5,642,214") or ("5,742,370") or ("6,011,609") or ("6,016,178") or ("6,055,035") or ("6,163,357") or ("6,226,067") or ("6,304,306") or ("6,414,733") or ("3,978,580") or ("4,653,864") or ("4,775,225") or ("5,263,888") or ("5,379,139") or ("5,406,989") or ("5,499,128") or ("5,507,323") or ("5,539,545") or ("5,548,429") or ("5,680,189") or ("5,757,451") or ("5,852,484") or ("5,854,664") or ("5,861,932") or ("5,952,678") or ("5,956,112") or ("6,001,203") or ("6,016,181") or ("6,219,126") or ("6,236,445") or ("6,337,730")).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/03 22:22
S47	88	LCD and (bonding or bonder or bond) and (align or aligner or aligning or alignment) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S48	69	LCD and (bonding or bonder or bond) and (align or aligner or aligning or alignment) and "29"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S49	10	LCD and (bonding or bonder or bond) and (ion near10 gas) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 19:16
S50	8	LCD and (bonding or bonder or bond) and (ion near10 gas) and "29"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15

## EAST Search History

S51	416	(156/358).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/01 18:15
S52	447	(156/351).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/01 18:15
S53	228	(156/379).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/01 18:15
S54	785	(156/378).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/01 18:15
S55	0	LCD and (bonding or bonder or bond) and (ionizer) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:12
S56	0	LCD and (bonding or bonder or bond) and (ionizer) and "29"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S57	0	LCD and (bonding or bonder or bond) and (ionizer) and "438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 21:41
S58	16	LCD and (bonding or bonder or bond) and (ionizer) and gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15

## EAST Search History

S59	33	LCD and (load or loading or loader or unload or unloading or unloader) and (ionizer) and gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S60	272	(156/381).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/01 18:15
S61	897	(156/382).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/01 18:15
S62	1459	(156/580).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/01 18:15
S63	1300	(156/556).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/01 18:15
S64	131	LCD and (bonding or bonder or bond) and (chamber near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/03 21:30
S65	123	"156"/\$.ccls. and (bonding or bonder or bond) and (chamber near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S66	0	"156"/\$.ccls. and (thermocompression) and (chamber near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15

## EAST Search History

S67	372	"156"/\$.ccls. and (bonding or bonder or bond) and (case near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S68	13	"156"/\$.ccls. and (thermocompression) and (case near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S69	1	("6789595").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/09 13:58
S70	30	LCD and (bonding or bonder or bond) and (observation near5 window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S71	0	"100"/\$.ccls. and (thermocompression) and (chamber near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S72	1	"100"/\$.ccls. and (bonding or bonder or bond) and (case near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S73	11	"156"/\$.ccls. and (bonding or bonder or bond) and (observation near5 window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S74	181	"156"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 19:55
S75	0	"156"/\$.ccls. and (thermocompression) and (chamber near5 window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15

## EAST Search History

S76	8	"156"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window) and LCD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S77	12	"156"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window) and CD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S78	0	"100"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window) and LCD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S79	0	"100"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window) and CD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S80	1459	(156/580).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/01 18:15
S81	1	S80 and (observation near4 window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S82	66	S80 and (window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S83	6554	(LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15

## EAST Search History

S85	364	(LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber) and (bond\$4 or press\$4) and "156"/\$. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S86	444344	(LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber) and (bond\$4 or press\$4) and "156"/\$. ccls. andnot plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S87	108	(LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber) and (bond\$4 or press\$4) and "156"/\$. ccls. not plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/01 18:15
S88	699	(156/581).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/01 18:15
S89	450	(29/833).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 12:15
S90	504	(29/834).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/01 18:15
S91	380	(LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/03 19:40
S92	952	(load near3 cell) and (bonding or bonder or bond) and (chamber) and (stage or chuck)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/03 21:32

## EAST Search History

S93	38	(load near3 cell) and (bonding or bonder or bond) and (chamber) and (stage or chuck) and ("156"/\$.ccls. or "29"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/03 21:33
S94	1	("20040114095").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/03 22:22
S95	10	LCD and (bonding or bonder or bond) and (interval near4 groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/03 22:25
S96	1730	LCD and (bonding or bonder or bond) and (groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 22:12
S97	52	LCD and (bonding or bonder or bond) and (groove) and ("156"/\$.ccls. or "29"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/03 22:35
S98	45	LCD and (bonding or bonder or bond) and ((loader or loading) near4 (arm or finger))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/03 22:43
S99	5	(bonding or bonder or bond) and (wafer same ((loader or loading) near4 (arm or finger))) and ("156"/\$.ccls. or "29"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 09:57
S100	0	(bonding or bonder or bond) and (wafer same ((loader or loading) near4 (grip or gripping))) and ("156"/\$.ccls. or "29"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 10:00
S101	0	(bonding or bonder or bond) and (wafer and ((loader or loading) near4 (grip or gripping))) and ("156"/\$.ccls. or "29"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 10:00

## EAST Search History

S10 2	6	(bonding or bonder or bond) and (wafer same ((loader or loading) near4 (grip or gripping)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 10:00
S10 3	38	LCD and (bonding or bonder or bond) and (actuator with shaft with (sensing or detecting or detector or sensor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 21:42
S10 4	2	LCD and (bonding or bonder or bond) and (actuator with shaft with (load with cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 21:43
S10 5	282	LCD and (bonding or bonder or bond) and ((load with cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 21:43
S10 6	1	LCD with (bonding or bonder or bond) with ((load with cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 21:44
S10 7	1	LCD same (bonding or bonder or bond) same ((load with cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 21:44
S10 8	327	(bonding or bonder or bond) with ((load with cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 21:44
S10 9	15	(bonding or bonder or bond) with ((load with cell)) and LCD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 23:46

## EAST Search History

S11 0	100	(bonding or bonder or bond) with ((groove)) and LCD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 23:58
S11 1	7	(bonding or bonder or bond) with LCD and ((driving or drive) same (shaft or pole) same jack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 15:07
S11 2	1	(bonding or bonder or bond) with (matrix or TFT or "liquid crystal" or LCD) and (vacuum with transmitter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 15:08
S11 3	1	(bonding or bonder or bond) with (chuck) and (vacuum with transmitter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 15:08
S11 4	27	(bonding or bonder or bond) with (chuck) and (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:20
S11 5	22	"279"/\$.ccls. and (chuck) and (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 15:14
S11 6	7	(bonding or bonder or bond) and (substrate with loader) same (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:21
S11 7	0	(bonding or bonder or bond) and (substrate with loader) and finger with (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:21

## EAST Search History

S11 8	0	(bonding or bonder or bond) and (loader) and finger with (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:21
S11 9	23	(bonding or bonder or bond) and finger with (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:27
S12 0	0	(substrate with loader) with finger with (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:27
S12 1	0	(substrate with loader) same finger same (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:27
S12 2	5	(substrate with loader) same finger same (vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:40
S12 3	4	(wafer with loader) same finger same (vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:11
S12 4	45	LCD and (bonding or bonder or bond) and (locking with shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 22:17
S12 5	148	"156"/\$.cls. and (bonding or bonder or bond) and ("O-ring" with (groove or shaft or hole))	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 22:19

## EAST Search History

S12 6	197	(loader) same finger same (groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:11
S12 7	25	(loader) with finger with (groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:17
S12 8	8	(loader) with gripper with (groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:17
S12 9	55	(loader) with finger with slot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 13:44
S13 0	21	wafer with gripper with groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:27
S13 1	36	wafer with gripper and "118"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/13 16:16
S13 2	142	wafer with finger with slot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 11:24
S13 3	1	("20020170938").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/10 14:04
S13 4	51	wafer with finger with slot and (groove with finger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 12:18

## EAST Search History

S13 5	547	(414/941).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 12:15
S13 6	0	wafer with finger with slot and (suction with finger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 12:44
S13 7	433	finger with slot and (suction with finger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 12:45
S13 8	1	("6705500").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/14 21:28
S13 9	104	wafer with gripper and "414"/\$.ccls. and (vacuum or suction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/14 16:08
S14 0	10	(bond or bonding) with (press) and (gripper or finger) with suction and (groove or slot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/14 15:43